

Storm Data and Unusual Weather Phenomena

									October 2002
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<u>NEW MEXICO Southeast</u>									
Lea County									
5 W Jal	01	1655MST			0	0	0	0	Hail(1.00)
									The public reported small hail with a few stones to the size of quarters.
Lea County									
8 E Eunice	01	1705MST			0	0	0	0	Hail(1.00)
Lea County									
8 E Eunice	01	1705MST			0	0	0	0	Thunderstorm Wind (G52)
									Quarter size hail and 60 MPH winds were reported on the New Mexico/Texas state line east of Eunice.
Lea County									
7 S Hobbs	01	1820MST			0	0	0	0	Thunderstorm Wind (G52)
									A few severe thunderstorms produced large hail and 60 MPH winds across Lea County during the late afternoon and early evening hours of the 1st.
Lea County									
5 W Jal	02	1850MST			0	0	0	0	Hail(1.75)
Lea County									
Eunice	02	1922MST			0	0	0	0	Hail(0.75)
Lea County									
Hobbs	02	1930MST			0	0	0	0	Hail(0.75)
Lea County									
Hobbs	02	1953MST			0	0	0	0	Hail(1.00)
		1955MST							
									Severe thunderstorms resulted in large hail across Lea County. No damage was reported.
Eddy County									
3 SW Carlsbad to Carlsbad	05	1853MST			0	0	0	0	Hail(1.75)
		1923MST							
									Hail ranging in size from quarters to golfballs was reported from just southwest of Carlsbad to the city. No damage was reported.
Lea County									
Hobbs	08	1640MST			0	0	20K	0	Flash Flood
		1830MST							
									Law officials reported stalled vehicles with high water rescues. No injuries were reported.
Lea County									
Hobbs	08	1640MST			0	0	0	0	Hail(0.88)
									Severe thunderstorms resulted in large hail and flash flooding near Hobbs.
Lea County									
10 W Hobbs	18	1515MST			0	0	0	0	Flash Flood
		1535MST							
									Law officials reported high water over Highway 62/180.
Lea County									
Eunice	28	0325MST			0	0	0	0	Hail(0.75)
									Dime size hail was reported with a severe thunderstorm near Eunice during the early morning hours of the 28th.
<u>TEXAS West</u>									
Andrews County									
17 W Frankel City	01	1805CST			0	0	0	0	Hail(1.00)
Andrews County									
17 W Frankel City	01	1805CST			0	0	0	0	Thunderstorm Wind (G52)
									Hail to the size of quarters and 60 MPH winds were reported along the Texas/New Mexico border between Eunice and Frankel City.
Gaines County									
23 SW Seminole	01	1815CST			0	0	0	500K	Hail(2.50)
									Crop damage resulted from large hail up to the size of tennis balls.

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					Killed	Injured	Property	Crops		
TEXAS West										
Gaines County 24 SW Seminole to 10 NE Higginbotham	01	1815CST 1850CST			0	0	375K	500K	Thunderstorm Wind (G70)	
An intense supercell thunderstorm moved across the western sections of Gaines County. This storm resulted in damaging winds and large hail. Reports from the local emergency manager indicate eighty-seven power poles were blown down from the storm. Although reports of large hail were only confirmed in the two locations listed, evidence of wind driven hail was present in crop damage across a large part of western Gaines County.										
Gaines County 6 SE Higginbotham	01	1840CST			0	0	25K	300K	Hail(2.00)	
Large hail combined with severe winds to produce damage to crops and rural properties.										
Gaines County Higginbotham	01	1840CST			0	0	0	0	Thunderstorm Wind (G52)	
Gaines County 9 S Seminole	01	1930CST			0	0	0	250K	Hail(1.50)	
Gaines County 9 S Seminole	01	2010CST			0	0	0	0	Hail(0.88)	
Severe thunderstorms struck the northwest parts of the Permian Basin during the early evening of the 1st. The most intense storm was a supercell which moved from far northwest Andrews County across the western half of the Gaines County. This storm produced very large hail and damaging winds. Local newspaper reports indicate that crop and rural property damage was widespread. The most intense damage began about 17 miles west of Seminole, just south of U.S. Highway 180, and continued north. Almost ninety power poles were blown down by the storm, and several thousand electrical customers were without power through the remainder of the night. Crop damage was reported to be substantial, with five circles of peanuts destroyed along with 8,000 acres of cotton.										
Two additional severe storms moved across central Gaines County later in the evening. These also produced large hail. Close to 1,000 acres of cotton was also destroyed by these storms.										
The economical impact due to agricultural damage was reported to be significant, since crops could not be replanted so late in the growing season. The total estimated agricultural losses are in the one to one and a half million dollar range.										
Gaines County 12 W Seminole to 1 W Seminole	05	2118CST 2122CST			0	0	0	0	Hail(1.00)	
Ector County 8 WSW Odessa					A severe thunderstorm produced large hail to the size of quarters in western Games County. No damage was reported.					
	06	2020CST 2025CST			0	0	0	0	Hail(1.75)	
Large hail ranging in size from dimes to golfballs was reported in West Odessa.										
Ector County 8 WSW Odessa	06	2025CST 2030CST			0	0	75K	0	Thunderstorm Wind (G65)	
Severe thunderstorm winds resulting from a microburst destroyed two mobile homes in West Odessa. One structure was rolled. The roof was blown off of the second resulting in the walls collapsing.										
Ector County 8 WSW Odessa	06	2030CST 2035CST			0	0	10K	0	Flash Flood	
The microburst resulted in a brief downpour. Street flooding resulted in West Odessa. A car was stalled in an intersection, and rescue teams extracted the driver. No injuries were reported.										
Ward County Countywide	06	2215CST 2230CST			0	0	0	0	Urban/Sml Stream Fld	
High water was reported running in low water crossings near Pyote and Wickett.										
A microburst was observed during the early evening by the NWS staff six miles northwest of the airport. No severe reports were received with the event.										
Later in the evening, a severe thunderstorm developed and affected the city of West Odessa. This storm produced large hail to the size of golfballs. It also resulted in a damaging downburst, which destroyed a couple of mobile homes. A swift water rescue was										

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<u>TEXAS West</u>									
		conducted by the fire department, as a car was stalled in high water on city streets resulting from the downburst.							
Reeves County 2 N Verhalen	08	1600CST 1610CST			0	0	0	0	Hail(1.00)
Pecos County 26 SW Bakersfield	08	1650CST 1655CST			0	0	0	0	Hail(0.75)
Severe thunderstorms produced hail to the size of quarters across parts of southwest Texas.									
TXZ075									
	09	0341CST			0	0	25K	0	Fog
Dense fog resulted in a large traffic accident on Interstate 10 near the intersection of highway 67, eight miles west of Fort Stockton. Visibility was reduced to one hundred yards.									
Pecos County 10 N Ft Stockton	18	1630CST 1635CST			0	0	0	0	Hail(1.00)
Quarter size hail was reported on Farm to Market 1053.									
Ward County 8 S Monahans	18	1747CST			0	0	0	0	Hail(1.00)
Quarter size hail was reported at the intersection of Highways 18 and 1776.									
Ector County 8 SW Odessa to Odessa	18	1800CST 1820CST			0	0	70K	0	Thunderstorm Wind (G57)
Severe thunderstorm winds blew down power lines and rolled two trailer houses. Damage extended from West Odessa to the city of Odessa.									
Ector County Odessa	18	1825CST 1845CST			0	0	0	0	Flash Flood
Two and a half feet of water was reported over Highway 385 at 23rd Street.									
Ector County . 5 NE Odessa	18	1830CST			0	0	0	0	Hail(0.75)
Dime size hail was reported on the Ector/Midland County line.									
Midland County 7 SW Midland Arpt	18	1830CST			0	0	0	0	Hail(0.75)
Dime size hail was reported on the Ector/Midland County line.									
Ector County Odessa	18	1845CST 1910CST			0	0	20K	0	Flash Flood
Two high water rescues were conducted by the fire department in Odessa. These were the result of vehicles being stalled in high water at the intersections of 42nd and Dixie, and 8th and Pueblo. No injuries were reported.									
Midland County Midland	18	1845CST			0	0	0	0	Thunderstorm Wind (G61)
Midland County Midland	18	1859CST 1945CST			0	0	0	0	Flash Flood
Heavy street flooding was reported along Loop 250 and on Garfield Street in north Midland.									
Reagan County Texon	18	1900CST			0	0	0	0	Hail(0.75)
Ector County 5 NE Odessa	18	1908CST 1930CST			0	0	0	0	Flash Flood
Spotters reported one foot of water over Highway 80 between Odessa and Midland.									
Midland County 2 SW Midland Arpt to 7 SW Midland Arpt	18	1908CST 1930CST			0	0	0	0	Flash Flood
One to two feet of water was reported over Interstate 20 from near Midland International Airport to the Ector/Midland County line.									

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<u>TEXAS West</u>									
Severe thunderstorms developing along a dryline produced large hail, damaging winds, and flash flooding across West Texas. The most significant damage was in the city of Odessa, where moderate wind damage was reported.									
Pecos County 16 SSW Bakersfield	21	1458CST			0	0	0	0	Hail(0.75)
Crane County Crane	21	1825CST			0	0	0	0	Hail(0.88)
A few severe thunderstorms produced large hail to the size of nickels across West Texas on the 21st.									
Pecos County 10 SE Ft Stockton	22	1608CST			0	0	0	0	Hail(1.00)
Quarter size hail was reported along Highway 285.									
Pecos County 26 SSW Bakersfield to 24 SSW Bakersfield	22	1650CST 1700CST			0	0	0	0	Hail(0.75)
Dime size hail was reported at two sepearate rural residences in southeast Pecos County.									
Gaines County 10 W Seminole	22	1855CST 1858CST			0	0	0	0	Thunderstorm Wind (G50)
A storm chaser estimated a thunderstorm wind gust to 60 MPH along with one half inch hail.									
Gaines County 20 W Seminole	22	2017CST			0	0	0	0	Hail(1.00)
Quarter size hail was covering the ground along Highway 180/62 up to three inches deep.									
Several severe thunderstorms produced large hail up to the size of quarters across parts of West Texas. No reports of damage were received.									
Reeves County Orla	24	0207CST			0	0	0	0	Hail(0.75)
Law officials driving through Orla reported dime size hail covering the ground at 0414 CST. This was more than two hours after the severe storm moved through the area. Since the hail had been melting for several hours, it is likely the hail was actually significantly larger than indicated. Time of the actual hail event is estimated based on radar data.									
Reeves County Orla	24	0410CST 0415CST			0	0	10K	0	Flash Flood
A vehicle was stalled in high water on Highway 285 in Orla. Over four feet of water covered the roadway.									
Martin County 4 N Stanton	24	0550CST 0555CST			0	0	0	0	Thunderstorm Wind (G58)
The S.O. dispatcher estimated wind gusts from a severe thunderstorm reached 60 MPH at her residence north of Stanton.									
Early morning severe thunderstorms produced large hail and high winds across parts of West Texas on the 24th. Flash flooding was also reported in northern Reeves County.									
Dawson County 9 SE Lamesa	27	1920CST 1929CST			0	0	0	0	Hail(0.75)
Dime size hail was reported near the United Gin southeast of Lamesa. The hail covered the ground and stripped leaves from trees.									
Pecos County 11 ENE Cozanosa	27	1920CST			0	0	5K	0	Hail(1.25)
The public reported large hail resulting in dents on vehicles traveling on Highway 18 in northern Pecos County. Hail stones were estimated to be the size of half dollars.									
Ward County Grandfalls	27	1930CST 1931CST			0	0	0	0	Hail(0.75)
Pecos County 15 W Ft Stockton	27	2032CST			0	0	0	0	Hail(1.50)
Ping pong ball size hail was reported near mile marker 241 on Interstate 10.									

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<u>TEXAS West</u>									
Pecos County 10 SW Ft Stockton	27	2045CST			0	0	0	0	Hail(0.88)
			Nickel size hail was reported at the McInyre Prison Unit.						
Pecos County 5 E Ft Stockton	27	2107CST			0	0	0	0	Hail(1.00)
			Quarter size hail was reported by the DPS near mile marker 262 on Interstate 10.						
			Several severe thunderstorms produced large hail across parts of West Texas on the 27th. Only minor hail damage to vehicles was reported.						
Reagan County Stiles	28	0335CST			0	0	0	0	Thunderstorm Wind (G60)
			Large tree limbs were blown down by severe thunderstorm wind gusts.						
Ector County Gardendale	28	0623CST 0626CST			0	0	0	0	Hail(0.75)
			Dime size hail covered the ground.						
Reagan County 20 N Big Lake to 25 N Big Lake	28	0830CST 0910CST			0	0	0	0	Flash Flood
			The Texas DOT reported Farm to Market Road 2600 was closed in the northern parts of Reagan County due to flash flooding.						
Ector County Odessa	28	1130CST 1140CST			0	0	0	0	Flash Flood
			Water up to six inches deep entered hangers at Schlemeyer Airport. In addition, flash flooding resulted in high water over Interstate 20 service roads and the Business Interstate 20.						
			Severe thunderstorm activity continued during the overnight hours. A few severe thunderstorms produced large hail, and a few damaging wind gusts. Flash flooding was also observed during the morning hours of the 28th.						